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D022 E350 H600 H602 H641 M280 M320 M411 M511 M520 M530 M540 M781 M903
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PA - (MITU) MITSUBISHI KASEI CORP

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AB - J03257458 The photoreceptor has a photosensitive layer on an electroconductive base. The photosensitive layer is formed using dispersion liq. obtd. by dispersing crystal of oxy-titanium phthalocyanine having the diffraction peak at 27.3 deg. of the Bragg (2 +/- 0.2 deg.) in the X-ray diffraction spectral, into the dispersion medium cooled to more than the coagulation point less than 10 deg.C..

- The oxytitanium phthalocyanine is of formula (I): (where X is halogen, and n is 0-1). Partic. X is chlorine, and n is pref. 0-0.5.

Oxytitanium phthalocyanine is obtd. by reaction of 1,2-dicyanobenzene (orthophthalodinitryl) and titanium cpd..

- USE/ADVANTAGE - The coating liq. with superior dispersion property is prepd. without changing the crystalline type of oxy-titanium phthalocyanine, thereby photoreceptor of high sensitivity and high electric property e.g. charging property and residual potential is obtd.. (8pp Dwg.No.0/0)

CN - 9201-C3101-U

IW - PRODUCE PHOTORECEIVER ELECTROPHOTOGRAPHIC DISPERSE LIQUID OBTAIN
DISPERSE CRYSTAL OXY TITANIUM PHTHALOCYANINE COOLING DISPERSE MEDIUM

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NC - 001

OPD - 1990-03-07

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PAW - (MITU) MITSUBISHI KASEI CORP

RRL - 07541

TI - Producing photoreceptor for electrophotography - using dispersion liq., obtd. by dispersing crystal of oxy-titanium phthalocyanine into cooled dispersion medium

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